Weatherby VANGUARD

INSTRUCTION MANUAL AND WARRANTY

Welcome to the growing family of hunters who have chosen a Vanguard by Weatherby. We are confident that you will discover, as they have, that a Vanguard is not a purchase but an investment. It is an investment in the success of all your future hunts. You have, in a Vanguard, a rifle of outstanding excellence and reliability. Treat it with the normal care you give any of your cherished possessions and it will reward you with a lifetime of service and pleasure. Good hunting!

Roy E. Weatherby

WARRANTY

Your Vanguard rifle is a precision firearm manufactured of the finest materials and has been thoroughly inspected and tested in every phase of production. It is warranted to be free of defects in material and workmanship under normal use and service for a period of twelve months from the date of purchase. The warranty shall not apply to defects resulting from accident, misuse or alteration by unauthorized persons. This warranty shall also be void if any other than factory loaded ammunition is fired in it. If your rifle fails due to a defect in original workmanship or materials, all necessary repairs will be made providing the firearm is returned to Weatherby, Inc., transportation prepaid, and it is deemed defective upon the inspection of our gunsmiths. Rifles must be accompanied by a letter explaining nature of defect. This warranty applies only to the original purchaser. (To make sure your Weatherby Factory Warranty goes on file promptly, fill out the warranty card attached on the back page and mail as soon as possible)

SPECIFICATIONS

Receiver

We believe the Vanguard features one of the safest, strongest bolt action receivers ever designed. There are two massive locking lugs plus a completely enclosed bolt face, gas ejection port and fully enclosed bolt sleeve. Each receiver is specially heat-treated to insure maximum strength, then tested at pressures far in excess of normal. The bolt, receiver and all moving parts have passed rigorous inspection to assure you of continuing quality. Finally after inspection, the receiver is polished to a high luster and immersed in a special bluing solution, producing the most durable blue-black finish found on any piece of highly polished steel the world over (photo #1).

Photo #1: Opened receiver showing recessed bolt face and locking lugs.

ATTENTION 7mm REM. MAG. PURCHASERS: USE 7mm REM. MAG. AMMO *ONLY*. DO *NOT* USE 7mm WEATHERBY MAG. AMMO AS IT MAY DAMAGE YOUR RIFLE.

Barrel

The barrel of your rifle is 24″ in length with four sets of lands and grooves. All calibers—the .243 Winchester, .25-06 Rem., .270 W.C.F., 7mm Reming-

ton Magnum, .30-06 and .300 Winchester Magnum —all have barrels with a one in 10″ twist. The rifling is produced by the new revolutionary hammer-forged method, another Weatherby first. This swaging process gives the special high-chrome content steel barrel the smoothest, most durable bore ever developed, thus assuring longer bore life with greatest accuracy.

Stock

The distinctively shaped stock of the Vanguard is made of the finest woods available and finished by new techniques giving you more rugged durability than any other finish known. Every Vanguard is hand-bedded to assure you precision accuracy, is equipped with a Weatherby butt pad, rosewood pistol grip cap with the traditional Weatherby white diamond inlay, rosewood 45° fore-end tip with white spacers and is hand-checkered by skilled artisans.

OPERATING DIRECTIONS

Assembly of bolt to receiver

The bolt of your Vanguard rifle is packed separately in the shipping carton. Before attempting to fit the bolt into the action, you must first align the rotating guide bar on the bolt with the front locking lug (photo #2).

Loading

Before loading your rifle, always be sure there are no obstructions in the barrel such as grease, dirt, cleaning patches, etc. With bolt open, lay cartridge on magazine follower, and press into magazine until

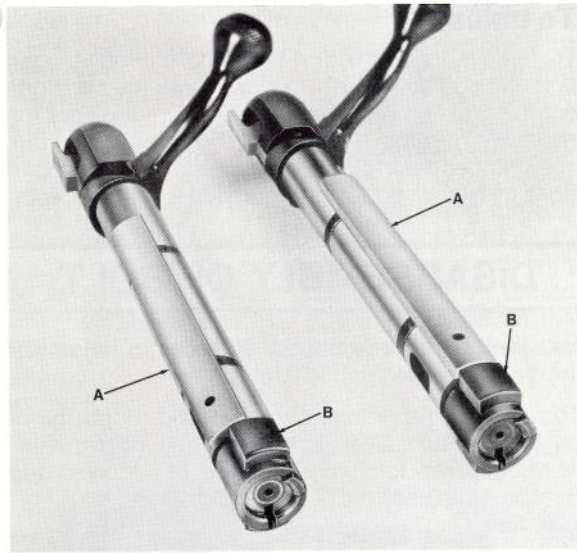

Photo #2: Photo shows (A) rotatable guide bar and (B) front locking lug. Bolt on right shows guide bar properly aligned with front locking lug. Bolt on left shows guide bar improperly aligned with front locking lug.

held by side walls. The magazine of your Vanguard will hold three to five cartridges depending on the caliber. An extra cartridge may then be loaded directly into the chamber by holding down the top cartridge in the magazine and closing the bolt on the chambered cartridge.

Safety

The safety, which is located on the right side between the receiver and the stock, cannot be operated unless the firing pin is cocked. To engage, move safety as far back as it will go. To fire, push safety forward and pull trigger.

To unload

To remove live cartridge from the chamber, open bolt and pull bolt rearward slowly until the cartridge can be grasped with the fingers before it clears the receiver. To remove cartridges from the magazine, open hinged floor plate by depressing the button in front of trigger-guard and cartridges will drop out.

DISASSEMBLY OF BOLT

No special tools are needed in order to field strip the Vanguard.

To remove bolt, unload chamber and magazine of all ammunition. With bolt open and drawn rearward, depress latch on left side of receiver and remove bolt (photo #3).

Photo #3: Depress release latch to remove bolt.

To field strip bolt

Holding the bolt body stationary, rotate the bolt sleeve in a clockwise direction. The firing pin-bolt sleeve assembly will automatically separate with approximately a 170° rotation. Withdraw the assembly from the bolt body. Further disassembly is not recommended since the parts are under great spring pressure and if disassembled incorrectly, the parts could fly apart with sufficient force to cause injury. Reassemble by inserting the firing pin-bolt sleeve assembly into the bolt (photo #4) and aligning the square boss on the bolt sleeve shank with the longitudinal indexing groove in the bolt (photo #5). Compress spring by pushing forward on the bolt sleeve and rotate counter-clockwise until the cocking piece falls into the detent near the cam opening.

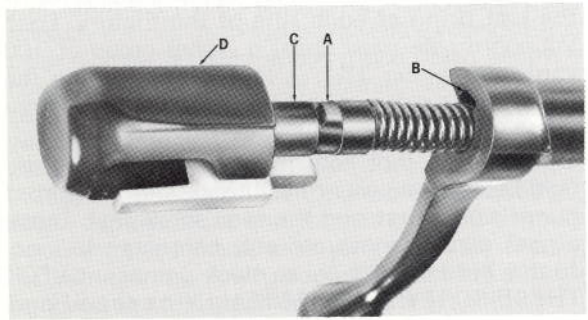

Photo #4: (A) Square boss, (B) Indexing groove, (C) Bolt sleeve shank, (D) Bolt sleeve.

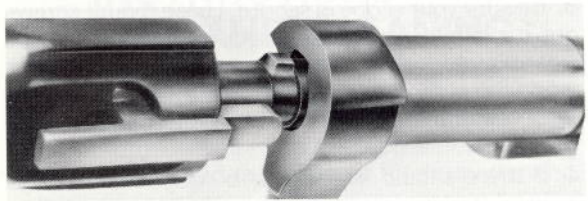

Photo #5: Square boss correctly positioned and about to be inserted in indexing groove.

To replace bolt

To reassemble, align the guide bar with the front locking lug (photo #2). Align the locking lugs with the channels in the receiver and push bolt fully forward.

SUGGESTIONS FOR GETTING TOP PERFORMANCE FROM YOUR VANGUARD

1. Your Vanguard is guaranteed to be accurate with factory ammunition. This guarantee is supported by the test firing of each rifle at the factory. Each Vanguard rifle must shoot a 3-shot group at 100 yards measuring 1½" or less before leaving the factory. This group is shot from a cold barrel simulating actual field conditions.

2. Make sure that both trigger guard screws are tight before firing your rifle. Always tighten the front guard screw first and the rear screw last. Loose trigger guard screws not only contribute to inaccuracy but can also cause stock damage. CHECK THESE SCREWS PERIODICALLY as recoil and changes in atmospheric conditions can cause them to work loose.

3. Be sure your scope is secure. Loose mount screws are a definite source of inaccuracy. If your scope was mounted at our factory, you may be sure the mounting screws will "stay put" as they were treated with a special thread-sealer that resists recoil vibrations.

4. If there should ever occur a noticeable change in point of impact or opening of groups, and you have checked all the above sources of inaccuracy, it is possible that there has been a slight dimension change in the stock due to atmospheric variations. (This can happen to any wood stock no matter how well sealed.) The remedy is usually minor rebedding of the barrel. Consult the factory before returning the rifle.

Sighting in tips

When hunting, the important first two or three shots are fired from a "cold" barrel... therefore, always sight in your Vanguard from a cold barrel. Remember that Vanguard rifles are lightweight hunting rifles, and though they possess target accuracy, do not expect small tight groups if the barrel is overheated. Firing 10 or 20 rounds in rapid succession WILL overheat the barrel and may cause change of impact. If it has been some time since your rifle has been sighted in, it is always a good idea before a hunting trip to take a few sighting shots to check zero. Keep ammunition away from heat. High temperature increases pressure which in turn affects point of impact.

If you anticipate a hunt in extremely cold weather, where temperatures sometimes reach 50 degrees below zero, you should send your bolt to our factory for winterizing. Any trace of lubricants will be removed and replaced with a special graphite.

INSTRUCTIONS FOR CARE AND CLEANING

Most modern ammunition is completely non-corrosive and cannot harm your rifle's bore. However, moisture CAN form in the bore especially after the bore is hot, and this can rust if left unattended.

It is just good sense and a simple precaution after firing to run a patch soaked with a powder solvent

through the bore, then a dry patch followed by a lightly oiled one. Heavy greases should be used only if the rifle is to be stored for a long period and of course, should always be removed before firing. In cleaning the bore, it is highly advisable to remove bolt and insert rod from breech. Before cleaning, be sure rifle is unloaded.

The action and all metal parts should be cleaned off after exposure to rain or dampness and even after being handled (perspiration can be very corrosive). Wipe off parts, such as bolt, receiver, and magazine parts with a slightly oily cloth. To insure smooth bolt movement, give exterior of bolt a thin coat of light oil. To restore gloss to external metal and wood, polish with silicone cloth.

To protect bore while hunting in rain or dust, cover the muzzle with Scotch tape. Rifle may be fired without removing tape. Tape should always be removed from the rifle after the hunt. Never plug muzzle with any obstruction during storage.

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FACTORY BALLISTICS FOR VANGUARD CALIBERS:

CARTRIDGE	WT. GRS.	VELOCITY (FPS) MUZZLE	100 YDS.	200 YDS.	300 YDS.
.243 Win.	80	3500	3080	2720	2410
.243 Win.	100	3070	2790	2540	2320
.25-06 Rem.	87	3500	3070	2680	2310
.270 W.C.F.	130	3140	2850	2580	2320
.270 W.C.F.	150	2800	2440	2140	1870
7mm Rem. Mag.	150	3260	2970	2700	2450
7mm Rem. Mag.	175	3070	2720	2400	2120
.30-06 Springfield	150	2970	2620	2300	2010
.30-06 Springfield	180	2700	2430	2010	1740
.300 Win. Mag.	150	3400	3050	2730	2430
.300 Win. Mag.	180	3070	2850	2640	2440

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